

Wild. JA-73; VIR U-0134839; W6 13348. Collected in Kazakhstan. Latitude 47 deg. 48' N. Longitude 59 deg. 48' E. Elevation 240 m. Margin of a saline-alkalai dry lake bed, 15km east of Chelkar. Annual precipitation 150mm. Vegetation - sparse stand of shrubs and grasses (*Agropyron* spp., *Psathyrostachys juncea*, Russian olive, *Achnatherum* spp., and *Sophora*).

**PI 598692. *Agropyron fragile* (Roth) P. Candargy**

Wild. JA-75; VIR U-0134837; W6 13350. Collected in Kazakhstan. Latitude 47 deg. 52' N. Longitude 59 deg. 44' E. Elevation 240 m. Sandy area, 12km east northeast of Chelkar. Annual precipitation 150mm. Dominant vegetation - *Leymus secalinus*, *Artemisia* spp., and *Agropyron fragile*.

**PI 598693. *Agropyron fragile* (Roth) P. Candargy**

Wild. JA-76; VIR U-0134784; W6 13351. Collected in Kazakhstan. Latitude 47 deg. 56' N. Longitude 49 deg. 51' E. Elevation 240 m. Very sandy site, 22km east northeast of Chelkar. Annual precipitation 150mm. Dominant vegetation - *Artemisia terrae-albae*, *Artemisia* spp. (*arbiusculiforme*), *Leymus secalinus*, and *Agropyron fragile*.

**PI 598694. *Agropyron fragile* (Roth) P. Candargy**

Wild. JA-77; VIR U-0134782; W6 13352. Collected in Kazakhstan. Latitude 47 deg. 54' N. Longitude 59 deg. 56' E. Elevation 240 m. Sandy area, 25km east northeast of Chelkar. Annual precipitation 150mm.

**PI 598695. *Agropyron fragile* (Roth) P. Candargy**

Wild. JA-78; VIR U-0134778; W6 13353. Collected in Kazakhstan. Latitude 47 deg. 49' N. Longitude 60 deg. 3' E. Elevation 230 m. Alkaline lake area with clay soil, 35km east of Chelkar. Annual precipitation 150mm. Vegetation - *Leymus secalinus*, *Agropyron fragile*, and *Artemisia* spp.

**PI 598696. *Agropyron fragile* (Roth) P. Candargy**

Wild. JA-79; VIR U-0134768; W6 13354. Collected in Kazakhstan. Latitude 47 deg. 50' N. Longitude 60 deg. 11' E. Elevation 230 m. Sandy soil, 42km east of Chelkar. Annual precipitation 150mm. Dominant vegetation - *Artemisia terrae-albae* (90%) and *Agropyron fragile*.

**PI 598697. *Agropyron fragile* (Roth) P. Candargy**

Wild. JA-80; VIR U-0134824; W6 13355. Collected in Kazakhstan. Latitude 47 deg. 48' N. Longitude 60 deg. 13' E. Elevation 215 m. Sandy soil, 48km east of Chelkar. Annual precipitation 150mm. Possibly mixed with *Agropyron desertorum*. Dominant vegetation - *Artemisia terrae-albae*, *Agropyron fragile*, and a much smaller amount of *A. desertorum*.

**PI 598698. *Agropyron fragile* (Roth) P. Candargy**

Wild. JA-81; VIR U-0134771; W6 13356. Collected in Kazakhstan. Latitude 47 deg. 47' N. Longitude 60 deg. 22' E. Elevation 215 m. Old lake bottom with some alkalinity, 55km east of Chelkar. Annual precipitation 150mm. Dominant vegetation - *Artemisia terrae-albae*, *Agropyron fragile*, and *Elytrigia repens*.

**PI 598699. *Agropyron fragile* (Roth) P. Candargy**

Wild. JA-82; VIR U-0134830; W6 13357. Collected in Kazakhstan. Latitude 47 deg. 50' N. Longitude 60 deg. 22' E. Elevation 230 m. Dry drainage area surrounded by a nearly pure stand of *Artemisia terrae-albae*, 55km east of Chelkar. Annual precipitation 150mm. Vegetation in drainage